Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 07 May 2023 until 23:59 on Monday 08 May 2023

Forecast Issued on Sunday 07 May 2023 at 01:51

Confidence: High for transition to largely changeable conditions. Lower confidence for the timing and extent of rain on Monday.

Headline for Sunday 07 May 2023: Low cloud and early fog patches lifting and breaking to sunny intervals and scattered showers. Showers fading through the afternoon.

Mountain weather hazards on Sunday 07 May 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Cloudy	Sunny intervals	Sunny	Clear night
Precipitation probability					
40%	10%	30%	20%	10%	<05%

Forecast for Sunday 07 May 2023

Weather: Cloudy start as residual low cloud, rain and drizzle clear eastward. Sunny intervals across the Peaks by mid-morning which may allow for slow-moving showers to develop. The odd shower may turn locally heavy or thundery in the early afternoon. Showers fading to leave a fine evening. Cloud will thicken from the west later with rain arriving overnight.

Chance of cloud-free hill tops above 600m: 20% initially improving to above 90% by the afternoon.

Low cloud and visibility: Widely cloudy, with banks of low cloud bases 200-400m. Cloud clearing to the east, with any valley fog lifting and clearing by mid-morning. Cloud bases may lower to shroud summits in the east of the Park in and around any heavy downpours. Generally poor or very poor visibility will become good, but temporarily poor in any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 07 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/8 W	7/11 W	9/14 W	9/13 W	6/9 SW	5/7 S	9/12 S
300	6/8 W	6/9 W	8/12 W	7/11 W	6/10 SW	4/6 SW	6/9 S
Valley	4/7 W	5/8 W	6/11 W	6/11 W	4/9 SW	3/6 NE	4/10 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	12/10	14/12	13/12	11/10	11/9
300	11/10	12/11	15/13	16/15	16/15	13/12	12/11
Valley	12/11	13/12	16/15	18/16	17/16	12/12	12/11
Freezing Level*	2000m	2000m	2000m	2100m	2100m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud may make for challenging navigation in the morning. Moderate UV levels expected in any sunny spells.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 07 May 2023	2.2mm	5.8mm	6.8mm

Forecast for Monday 08 May 2023

Weather: Overcast morning with outbreaks of rain spreading in from the west. Rain may turn heavy at times, particularly across western slopes. Rain may turn increasingly showery during the afternoon before clearing away to the east and easing through the evening. Further pulses of rain and drizzle are likely in thick cloud late on. Blustery winds.

Maximum wind: Southwesterly 20-25 mph with gusts to 30-35mph, easing later.

Chance of cloud-free hill tops above 600m: 20%, but 40% in the east initially. Rising from the west to 60% from mid-afternoon.

Low cloud and visibility: Extensive low cloud spreading eastward in association with arriving rain. Cloud bases around 300-500f, lifting clear of summits later as rain clears. Poor or very poor visibility in rain or drizzle, and in any heavier showers. Visibility good otherwise.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 15 Celsius.
At 600m: Plus 7 Celsius rising to Plus 12 Celsius.
Freezing level: Above the summits.

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